

THE GOVERNOR'S P-20 COUNCIL

**Tuesday, December 6, 2005
10:30 A.M.**

Notice is hereby given to Members of the Governor's P-20 Council and the general public that the P-20 Council will hold a meeting, open to the public, on Tuesday, December 6, 2005, 10:30 a.m., at 1700 W. Washington, Governor's 2nd Floor Conference Room, Phoenix, Arizona. Public comment will be taken. The P-20 Council will discuss and may take action on the following Matters. Members will attend either in person or by telephone conference call.

- | | |
|--|---|
| 1. Call to Order & Welcome | Dr. Rufus Glasper |
| 2. Approval of Minutes:
a. August 5, 2005
b. October 12, 2005 | Dr. Rufus Glasper |
| 3. Presentation & Discussion: Adolescent Literacy | Governor Bob Wise
Alliance For Excellent Education |
| 4. Presentation & Discussion: Rodel Foundation –
Mac-Ro Project | Dr. Carol Peck |
| 5. Presentation & Discussion: TQS Recommendations | Dr. John Haeger |
| 6. Presentation & Discussion: Governor's Council on
Innovation & Technology – Recommendations for
Technology Education | Bob Hagen
Barbara Clark |
| 7. Updates & Reports from Committee Chairs &
Members | Dr. Rufus Glasper |
| 8. Call to the Public | Dr. Rufus Glasper |
| 9. Announcements and Adjournment | Dr. Rufus Glasper |



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 1.

Subject: Call to Order
Welcome

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

Dr. Rufus Glasper will call the meeting to order, welcome any guests, and give a brief overview of the meeting

Council Action Requested: None.

Attachments: None.



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 2.

Subject: Approval of Minutes

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

The minutes from the Governor's P-20 Council's regular meetings held on Friday, August 5, 2005 and Wednesday, October 12, 2005, are submitted for review and approval.

Council Action

Requested: Approval of P-20 Council Minutes of August 5, 2005 and October 12, 2005.

Attachments: Minutes of August 5, 2005 and October 12, 2005

**DRAFT MINUTES
GOVERNOR'S P-20 COUNCIL
General Meeting
Friday, August 5, 2005
10:00 a.m.**

Location: 1700 W. Washington
2nd Floor Conference Room
Phoenix, Az 85007

Members Present: Governor Janet Napolitano, Dr. Rufus Glasper, Cathleen Barton, Mark Bryce, Ernie Calderon (telephonic), Susan Carlson, Dr. Michael Crow (telephonic), David Curd, Dr. Matthew Diethelm, Gregory Donovan, Bill Estes, Dr. Roy Flores, Dr. Sybil Francis (telephonic), Vivian Gonzales, Mayor Phil Gordon, Bob Hagen, Dr. John Haeger, Superintendent Tom Horne, Dr. Peter Likins, Dr. Laura Palmer Noone, Dean Phillips, Kristen Rex, Cindy Rudrud, Senator Toni Hellon (ex-officio) and Representative Ann Kirkpatrick (ex-officio).

Members Absent: Robert Cassa, Dr. Angel Cabrera, Cathy McKee, Dr. Douglas Olesen, Jeff Whiteman, Senator Harry Mitchell (ex-officio) and Representative Laura Knaparak (ex-officio).

1. Call to Order and Welcome

Governor Janet Napolitano called the meeting to order at 10:05 a.m. and welcomed the members of the P-20 Council. In her opening remarks, Governor Napolitano challenged the Council to revisit the education paradigm, to ask the tough questions, to review a series of thoughtful changes, and to ensure that these changes are integrated across education governance systems and are directly relevant to the needs of employers and include input from those who hire, outsource, research and design the economy we have today and are building for tomorrow. The Governor emphasized that handing out assignments and going our separate ways won't work. The building of an educated, well-prepared workforce will require better planning across education, higher education and industry partners and that the need is immediate and urgent.

Governor Napolitano then introduced Dr. Rufus Glasper, Chancellor of Maricopa Community Colleges, who will serve as Co-Chair of the P-20 Council.

2. Introductions

Dr. Glasper also welcomed the members of the P-20 Council and introduced staff: Becky Hill, the Governor's Policy Advisor for K-12 Education; Darcy Renfro, the Governor's Policy Advisor for Higher Education; and Debra Raeder, the Executive Director for the Governor's P-20 Council.

3. Review and Discussion

Debra Raeder provided the P-20 Council with a review of the charge of the Council, an update of the information provided in their Packets, and an overview of the agenda. Ms. Raeder indicated that education reform is a national effort and that the country as a whole is revisiting its educational goals and what students need to know to maintain America as a leader in today's global economy. Governor Napolitano created this Council by Executive Order to bring education stakeholders together to help shape a common vision and direction for the education reform efforts in Arizona. The Council will play a vital role in overseeing the state's many reform efforts and serve as a catalyst for increased collaboration among entities that influence P-20 education. Ms. Raeder emphasized that the work of the P-20 Council is not to supersede existing efforts in the state but to integrate, accelerate, align and bring to scale these efforts.

Ms. Raeder indicated that four ad hoc committees would be formed immediately to begin work in the following areas: An Alignment Project; Graduation Rate Project; Adolescent Literacy; and Access to Higher Education. She indicated that there was a form in the back of each Agenda Packet for the Council members to indicate which area(s) they would be interested in working.

4. Presentation: Alignment Project

Steve Bella, from PublicWorks, updated the Council on Arizona's High School and Post Secondary Skills Alignment Assessment Project. Mr. Bella indicated that the Alignment Project is intended to provide a guide for the P-20 Council in determining the education and skill requirements needed for Arizona's high growth/high wage occupations; to identify the high school courses a student needs to take to be college and career ready; and to evaluate what needs to be taught in the high school classrooms that meet the expectations of employers and postsecondary institutions. Mr. Bella stated that over the course of the next four to six months, surveys and best practice research would be used to develop a guide for the P-20 Council to evaluate the opportunities and challenges for Arizona so every high school graduate is college and career ready. During discussion, members of the Council expressed support of the Project indicating that there was a need to overcome old images, the need to think outside of the box, to have all students on one track, and to aim for the top.

5. Presentation: National Educational Initiatives

Dane Linn, from the National Governors Association, updated the Council on national education initiatives, and the Graduation Rate Project and Compact. Specifically, Mr. Linn emphasized the 10 steps defined in NGA's publication, *redesigning the American high school*. Mr. Linn emphasized the need to restore value to high school diplomas and that Michigan, Kentucky and Washington had excellent examples of state initiatives to achieve this goal. Mr. Linn talked about the need to expand access to higher education through such programs as Advanced Placement (AP) courses and a rigorous Dual Enrollment program, and that states should encourage students to take the AP exam. Mr. Linn also stressed the importance of recruiting and retaining of excellent teachers and principals, strengthening accountability, a centralized data system and reforming the education governance structures. Mr. Linn briefly reviewed the Graduation Rate Compact signed by Governor Napolitano and 45 other Governors across the nation. The Compact provides for a standard definition for computing graduation rates. Mr. Linn indicated that within two weeks he believes all Governors will have signed the compact.

Mr. Tom Horne, Superintendent of Public Instruction, introduced Ms. Maxine Daley and Karen Butterfield from his office. Mr. Horne indicated that the Arizona Department of Education currently conforms with the NGA Compact definition for computing graduation rates. Mr. Horne also disputed that Arizona's dropout statistics are as high as being reported nationally. Karen Butterfield then updated the Council on the Department of Education's High School Renewal Project, as well as the Department's efforts in Career and Technical Education. Information was distributed on the Department's four-year graduation rate, and the High School Renewal and Improvement Initiative.

6. Presentation: Adolescent Literacy

Elizabeth Schneider, from the Alliance for Excellent Education, provided the Council with an overview of the Alliance's activities that focus on raising adolescent literacy levels. Elizabeth distributed a copy of the Alliance's publication, *Reading Next*, a report that has been widely acclaimed by the practitioner, research and policy communities for articulating 15 instructional and infrastructure elements that should be considered as effective adolescent literacy programs are developed and implemented. Ms. Schneider indicated that the Alliance is looking forward to working with Arizona to examine the scope of the state's adolescent literacy challenges and the interventions that may be in place in schools and districts across the state, and to working with the Council to develop recommendations for a more effective, comprehensive approach designed to improve the reading and writing skills of Arizona's secondary school students.

7. Presentation: Joint Conference Committee

Regent Ernie Calderon introduced Stephanie Jacobson to present his report of the Joint Conference Committee of the Universities and Community Colleges of Arizona (JCC). Ms. Jacobson indicated that the JCC was reconstituted in 2003 with representatives from the Arizona Board of Regents, university presidents, community college presidents and

community college trustees. The JCC members are in the process of identifying three-to-five initiatives for the specific purpose of improving affordable access to the baccalaureate degree. It is anticipated that the JCC will announce the plan by October 1, 2005. Darcy Renfro commented that we anticipate that there will be additional issues for the P-20 Council to explore regarding access and alignment between community colleges and universities.

8. Call to the Public

Bob Rosenberg, of eSATS (eLearning Systems for Arizona Teachers and Students) addressed the Council on the importance of technology and the eLearning model for Arizona.

Lori Rubin Williamson, with the Scottsdale Supporters of the Gifted, addressed the Council on the need to address gifted education and funding.

9. Announcements and Adjournment

Dr. Glasper asked Council members to be sure to let Debra know of their availability to meet on September 12, 2005; October 12, 2005; and November 18, 2005.

There being no further business, Dr. Glasper adjourned the meeting at 12:05 p.m.

**DRAFT MINUTES
GOVERNOR'S P-20 COUNCIL
General Meeting
Wednesday, October 12, 2005
12:30 p.m.**

Location: 1700 W. Washington
2nd Floor Conference Room
Phoenix, Az 85007

Members Present: Dr. Rufus Glasper, Cathleen Barton, Mark Bryce, Ernie Calderon, Susan Carlson, Dr. Michael Crow, David Curd, Dr. Matthew Diethelm, Gregory Donovan, Bill Estes, Dr. Roy Flores, Dr. Sybil Francis, Vivian Gonzales, Bob Hagen, Dr. John Haeger, Dr. Karen Butterfield for Superintendent Tom Horne, Dr. Peter Likins, Dr. Laura Palmer Noone, Dean Phillips, Kristen Rex, Cindy Rudrud, Dr. Jim Zaharis, Jack Swonson, Lynda French, Cathy McKee, Dr. Douglas Olesen, Senator Toni Hellon (ex-officio) and Representative Laura Knaperek (ex-officio).

Members Absent: Mayor Phil Gordon, Robert Cassa, Dr. Angel Cabrera, Senator Harry Mitchell (ex-officio) and Representative Ann Kirkpatrick (ex-officio).

1. Call to Order and Welcome

Dr. Rufus Glasper called the meeting to order at 12:35 p.m. and welcomed the members of the P-20 Council. Dr. Glasper introduced the newest members to the Council: Mr. Jack Swonson of USAA; Dr. Jim Zaharis of Greater Phoenix Leadership; and Lynda French, a Mohave Community College Governing Board Member, and welcomed each of them to the Council. Dr. Glasper indicated that the focus of this meeting is to bring information to the Council on the work being done by leading committees, organizations and state agencies relating to educational and training issues. The primary focus of the meeting would be P-12 education initiatives. At future meetings, information will be presented on post-secondary initiatives. These presentations will help the Council form a foundation for the future work they will be doing.

2. Presentation and Discussion – Governor's Committee for Teacher Quality and Support.

Dr. John Haeger provided the Council with a brief update on the work currently being undertaken by the Governor's Committee for Teacher Quality and Support. The Committee, established by Governor Napolitano in May of 2005, is charged to develop

and recommend policies to push the K-12 system forward. The 20-member committee consists of teachers, members of the business community and representatives of public and private sector teaching colleges.

Among its tasks, the committee is working to impact student learning through the following areas: develop a teacher training delivery system to insure uniform access to high quality professional development; identify opportunities and obstacles in recruiting good students to be teachers; conduct a survey of Arizona's teachers to find common working condition impediments; and identify pay gaps across counties and districts. The Committee will have recommendations for discussion by the end of this year.

3. Presentation and Discussion – Arizona Business & Education Coalition.

Susan Carlson provided the Council with an update on the Arizona Business & Education Coalition (ABEC), which was founded by key business and education leaders following the passage of Proposition 301 and based on the belief that strong schools in Arizona are a key element of strong economic development and that the surest way to school reform is through dialogue, finding common ground, and advocating together to improve Arizona's schools. Susan updated the Council on two key projects being conducted by ABEC: (1) community engagement on high school reform and (2) the Arizona Academic Scholars program. The goal of the Community Engagement on high school reform is to generate public awareness, clarify the values held by Arizona around high school, and move communities closer to readiness for high school reform. Susan provided a brief overview of common trends and regional differences.

The Arizona Academic Scholars Program: the Arizona Academic Scholars program is a community based incentive program targeted at the middle 50% of Arizona high school students to motivate them to complete an academically enriched high school course of study. Last year four school districts piloted this program and this year an additional three school districts will be implementing the Arizona Academic Scholars program. A brief discussion followed on how to define course rigor, if and how courses are aligned, the lack of an aggressive senior year, and how the scholars program can be most effective in Arizona.

4. Presentation and Discussion – Arizona Commission for Postsecondary Education.

Dr. David Curd, a member of the Arizona Commission for Postsecondary Education, updated the Council on the initiatives of the Commission, whose mission is to expand access and increase success in postsecondary education for Arizona citizens. Statutory authority for the ACPE is found in Article 7, Sections 15-1851 through 15-1879 of the Arizona Education Code. The ACPE membership is comprised of 17 Commissioners; fourteen appointed by the Governor. The Commissioners represent private post-secondary institutions, community colleges, the three state universities, career/technical schools, the K-12 educational sector, and the general public.

The Commission oversees the Arizona Family College Savings Program; administers \$3.3 million in state grants for low-income students; serves as a forum for private and public postsecondary education to dialogue and collaborate on solutions and opportunities to assist students; and coordinates an annual statewide College Goal Sunday. In the past, over 3,600 students and parents have completed the FAFSA at this event, which is the critical first step for financial aid. The Commission has also identified and introduced strategies to increase statewide college access such as the Leadership for Learning Academies and College Summit.

5. Presentation and Discussion – Arizona Department of Education.

Dr. Karen Butterfield, Associate Superintendent of Academic Achievement, provided the Council with an update on the Arizona Department of Education regarding the mission and function; funding; statutory requirements; and a brief overview of major initiatives. Dr. Butterfield distributed an organizational chart of the Department, as well as Superintendent Horne's strategic goals for 2005.

Dr. Butterfield also discussed current initiatives of the Department, which include:

- State Tutoring Program;
- Your Study Guide: personalized guides to provide student support based upon academic needs;
- AIMS Intervention/Dropout Prevention Program;
- IDEAL;
- Arizona High School Renewal & Improvement Initiative (AZHSRI);

Brief discussion ensued from the Council on the issues surrounding the AIMS, including the rigor of the test, alignment of the test with college entrance requirements, and percentage of students who will pass the exam. Dr. Butterfield emphasized that the AIMS test was a 10th grade proficiency test and NOT a 12th grade proficiency test.

6. Presentation and Discussion: State Board of Education

Dr. Matthew Diethelm, President of the State Board of Education, provided the Council with a brief update of the membership, role and responsibilities of the Board. Under

A.R.S. § 15-203, the Board of Education is charged to:

- Exercise general supervision over and regulate the conduct of the public school system.
- Supervise and Control Teacher Certification Requirements
- Prescribe Minimum Course of Study (eg Graduation Requirements)
- Establish Student Assessment System (AIMS)
- Oversight of School Accountability System
- Other Independent Education Policy Initiatives

7. Presentation & Discussion: Arizona State Board on School Readiness.

Due to time constraints, this item was tabled for a future meeting.

8. Update & Discussion: Alignment Project Committee

Debra Raeder presented the update on the Alignment Project Committee meeting held on September 27th. The committee received information from Steve Bella on the process being used to accomplish these goals of the alignment project focusing on the existing research within Arizona that identified the five-targeted Industries:

Biotechnology/Biosciences and Life Sciences; Construction, High Technology (specifically advanced manufacturing, aerospace, semiconductors and information technology); Transportation; and Tourism.

To date, Public Works is working to identify key occupations within the five-targeted industries, as well as to identify, using Onet, Workkeys, Careernet and employer input, the occupational skills and educational knowledge needed for the occupations within these targeted industries, which is Phase I of the project. The next phase includes looking at Arizona's graduation requirements, college admission requirements, assessment and performance indicators such as AIMS, ACT, NAEP, as well as high school standards to find potential gaps in aligning high schools with college and career readiness.

Darcy Renfro and Debra Raeder answered questions from the Council regarding the study and clarifying how the five targeted clusters were identified; the importance of identifying common work skills and education requirements needed across the clusters to meet these job needs; ensuring that these are the job needs and education requirements for Arizona businesses; and comparing current high school education requirements to these identified skills and education requirements, as well as college entrance requirements.

9. Update and Discussion: Adolescent Literacy

Debra Raeder presented a brief update on the Adolescent Literacy Committee meeting held on September 27. Present at the Committee meeting was Elizabeth Schneider and Dr. Rafael Keller from the Alliance for Excellent Education. The Alliance is working, using the 15 elements articulated in *Reading Next* as a framework to review student performance, survey existing state and district policy levers that might have an impact on each of these elements, create an inventory of additional resources in the state for adolescent literacy, and help build awareness and understanding of the issue statewide. The Alliance continues to solicit input and information from key stakeholders as they prepare their analysis for the final report. There were no questions from the Council.

10. Update and Discussion: Access to Higher Education

Darcy Renfro provided a brief update of the Access to higher Education's first Committee meeting, which met on September 27th. Darcy indicated that to frame the

discussions for the issues currently facing the Committee, the Governor had provided some Guiding Principles, which she distributed to the Council.

Regent Ernie Calderon updated the Council on where the JCC was at on these issues. Regent Calderon indicated that the JCC has approved four recommendations to move forward for comments from the community colleges and university presidents, members of the district governing boards and the Arizona Board of Regents, which include:

- Increase transfer credits for select program: the JCC recommends expanding the numbers of baccalaureate programs for which 65-90 hours of transfer credit is possible and applicable from community colleges to designated unique programs.
- Increase the number and scope institutional partnerships: the JCC recommends the increase in the number of university-community college institutional partnerships and expansion of these partnerships to include joint appointment of faculty; joint admission of qualified students; shared/joint advising services; and shared facilities and dedicated space
- Establish Joint Funding Models: the JCC recommends that collaboratively, the community colleges and universities focus on joint funding models to assure that necessary dollars are available for both sides of the partnership.
- Expand Arizona University System Campuses and Statewide Programs: the JCC supports the Arizona University System's expansion of branch campuses and statewide offerings such as NAU to open branch or regional campuses where there is an identified need; ASU expanding their branch campuses; and UA in developing UA South.

The JCC continues to work to reach consensus on two additional issues:

- Allow and fund certain baccalaureate degrees at community colleges, and
- authorize community colleges to explore becoming a four year college.

Representative Knaperek, who serves as House Chair of the Higher Education Committee, briefly updated the Council on the roundtables she and Senator Gray, Chair of the Senate Higher Education Committee, have been conducting around the state. The roundtables have focused on the issues surrounding access to higher education, including accessibility, affordability, accountability, funding, articulation, as well as the issue of four-year baccalaureates being offered by community colleges. The last of these roundtables will be held later in the month and a report will be prepared for the Speaker of the House and the President of the Senate by the end of this year.

11. Update and Discussion: Graduation Rate Project Committee

Dr. Sybil Francis, Chair of the Graduation Rate Project Committee presented an update to the Council on the committee meeting held on October 6th. The Committee discussed two agenda items: the National Governor's Association Initiative (Compact) and the Center for the Future of Arizona *GRAD Initiative*.

The National Governor's Association compact, signed by Governor Napolitano, as well as all of the nation's governors, works to:

- implement a standard definition of high school graduation rate built on four year adjusted cohort
- Build state's data system and capacity
- Develop additional indicators as needed for richer understanding of outcomes
- Develop public understanding about the need for good graduation and dropout rates
- Build consensus among business, education, and community organizations

The Committee is seeking clarification on the English language learner (ELL) students provision of NGA compact. In the future, the Committee will further explore the state's data systems and capacity and consider ways to improve linkages of data systems across educational sectors.

The Center for the Future of Arizona is leading a committee of business, education, public policy, non-profits groups to consider setting a graduation goal for Arizona that can provide focus and galvanize action. The Center's Committee has adopted an what they believe is an ambitious and achievable goal for improving Arizona's high school graduation rate: Increase Arizona high school graduation rates 12% by 2012; and Arizona's graduation rate will rise to the top ten nationally by 2020.

This goal has already been endorsed by the Greater Phoenix Leadership, the Superintendent of Public Instruction, the Rodel Foundation, Arizona Business & Education Coalition, Communities in Schools, and other. Dr. Sybil distributed information to the Council to distribute to the groups they represent for possible endorsement of this goal.

12. Call to the Public

Bob Rosenberg of ESEC addressed the Council regarding S.B. 1181. Anna Cicero from the Arizona School Counselor's Association also addressed the Council, and thanked them for the exciting work they are doing

13. Announcements and Adjournment

Dr. Gasper announced that the next meeting of the Council will be on November 18th at 3:00 p.m.

There being no further business, Dr. Gasper adjourned the meeting at 2:30 p.m.



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 3.

Subject: Adolescent Literacy

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

Governor Bob Wise, from the Alliance for Excellent Education, will present to the P-20 Council their Report on Improving Adolescent Literacy in Arizona. The Alliance is dedicated to helping state and federal policymakers design and implement such plans for improving adolescent literacy instruction. Drawing upon their considerable knowledge of the research and federal and state policymaking in secondary reading and writing, the Alliance has worked for the past two months – at no charge to the state – to review existing data, gather opinions, study literacy achievement trends, identify literacy programs and resources, and consult with key educators, policymakers, and business and community leaders around the state.

The impact of this report is significant, as Arizona cannot expect more from students in the areas of math and science if students can't read at grade level. The Report is intended to help the P-20 Council move forward in its deliberations over the best ways to improve education for all of Arizona's students.

Council Action Requested: Governor Napolitano will be looking for direction from the P-20 Council regarding the recommendations in this Report at a later date.

Attachments: None



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 4.

Subject: Rodel Foundation –
Mac- Ro Project

Submitted by:
Debra Raeder
Executive Director

----- Background Information -----

Dr. Carol Peck will present on MAC-Ro, a mathematics initiative created by the Rodel Charitable Foundation of Arizona (RCF-AZ) that provides a systematic approach to ensure students in high-poverty schools have the opportunity to master the state math standards. The initiative provides monthly workbooks and incentives to ensure that students get additional practice on the state math standards at home. It has a proven track record of raising the math achievement of second-, third- and fourth-grade students.

Currently, approximately 13,000 students are participating in the program from 68 schools in 30 districts across five counties. Due to MAC-Ro's tremendous success, there is a long waiting list of schools that want to participate and/or expand the program to additional grade levels at their schools.

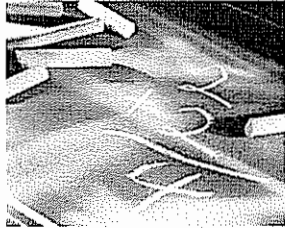
Council Action Requested: None

Attachments: Power Point Presentation

Math Achievement Initiative

by
Rodel

Dr. Carol G. Peck
President and CEO
Rodel Foundation of Arizona
www.rodelfoundationaz.org



**non-traditional approach
to achieve
non-traditional results**





Four in ten adults surveyed hated
math in school...



... twice as many hated math
than any other subject...

According to the AP-AOL news poll of 1,000 adults conducted
August 9-11 by Ipsos and international polling firm





Teachers **cannot** teach what they do not understand .



students **cannot** learn what they have not been taught

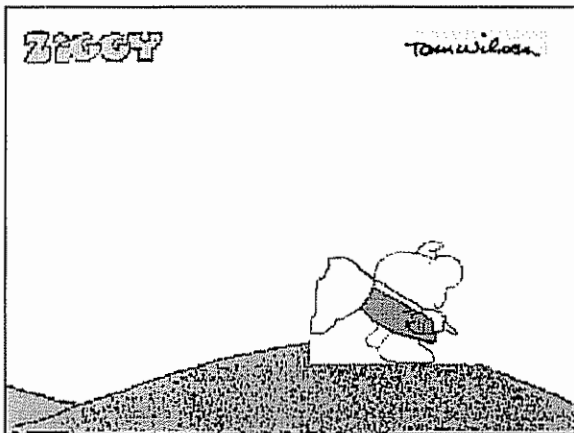


and students **cannot** perform well on assessments if they have limited access to high-quality curricula



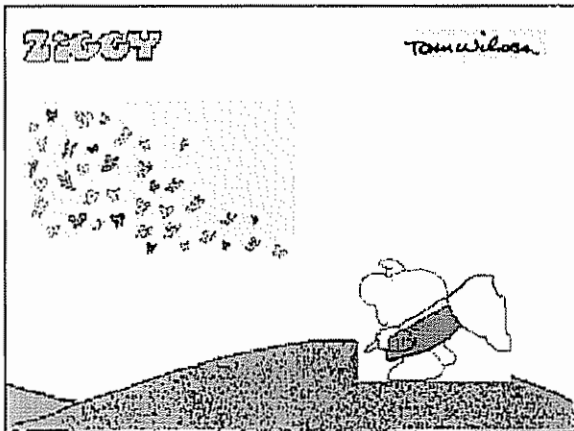
ZIGGY

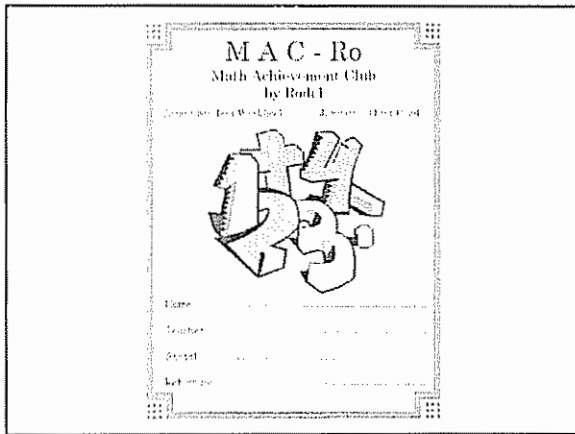
Tom Wilson



ZIGGY

Tom Wilson





**5
Strategies**

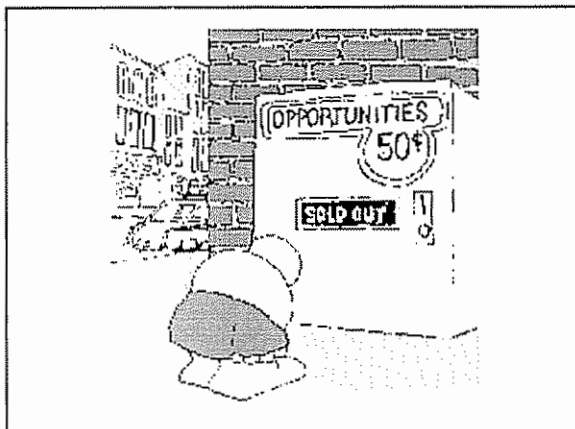
1. Increase time on task.

2. Provide systematic review.

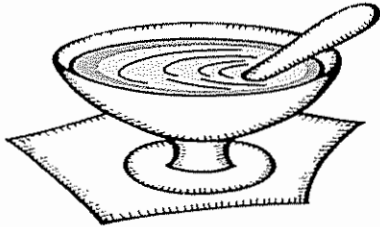
3. Ensure teachers teach curriculum.

4. Ensure principal monitors instruction.

5. Create avenues for parent involvement.



The Proof...



is in the pudding!



Maricopa County 1st Year Pilot

Stanford-9 Percentile Rank
Score Comparisons

3rd Grade Math
2002-2004 – 3 Semesters of MAC-Ro



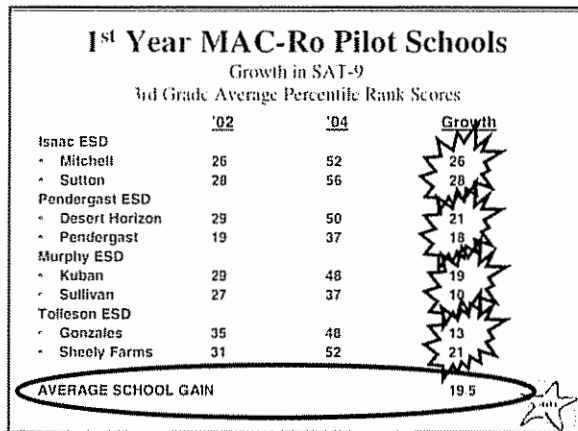
Statewide Growth

in SAT-9 3rd Grade Average Percentile Rank Scores

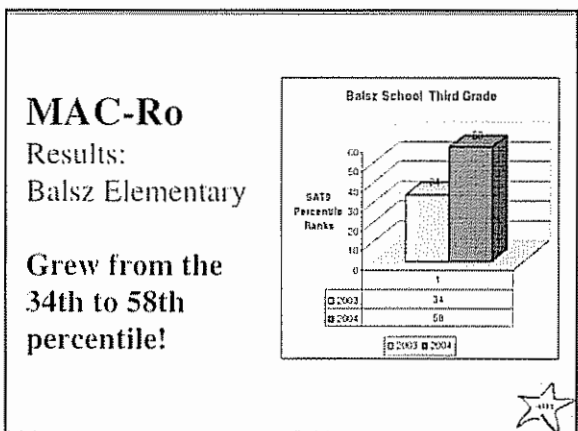
2002	2004	Growth
------	------	--------

56	59	3
----	----	---



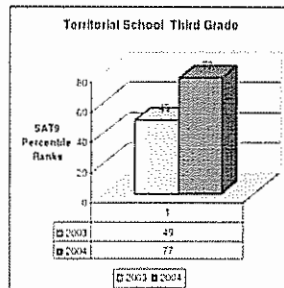


- ### Group II MAC-Ro Schools Joined Fall 2003
- | | |
|---|---|
| <input type="checkbox"/> Balsz | <input type="checkbox"/> Whittier |
| <input type="checkbox"/> Crockett | <input type="checkbox"/> Arizona Desert |
| <input type="checkbox"/> Gateway | <input type="checkbox"/> Laguna |
| <input type="checkbox"/> Loma Linda | <input type="checkbox"/> Walter Douglas |
| <input type="checkbox"/> Zito | <input type="checkbox"/> Elvira |
| <input type="checkbox"/> Lavcen | <input type="checkbox"/> Los Ninos |
| <input type="checkbox"/> MC Cash | <input type="checkbox"/> Beaver Creek |
| <input type="checkbox"/> Omega | <input type="checkbox"/> Territorial |
| <input type="checkbox"/> Capitol | <input type="checkbox"/> Congress |
| <input type="checkbox"/> Mingus Springs Charter | <input type="checkbox"/> Lake Valley |
- 



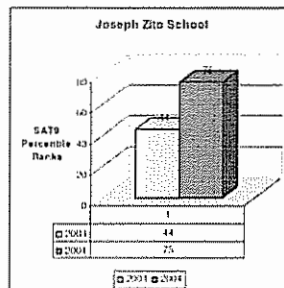
MAC-Ro Results: Chino Valley Unified

Grew from the
49th to 77th
percentile!



MAC-Ro Results: Isaac Elementary

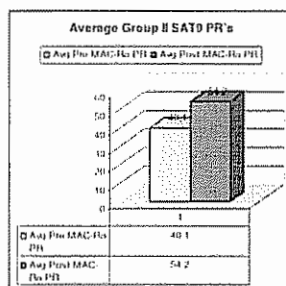
Grew from the
44th to 75th
percentile!



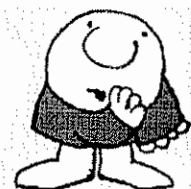
Average Group II SAT9

Math Gains
2003 to 2004

14 points!



**“If you always do what
you’ve always done,**



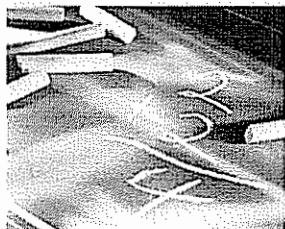
**you’ll always
get what
you’ve always
got.”**



Math Achievement Initiative

**by
Rodel**

Dr. Carol G. Peck
President and CEO
Rodel Foundation of Arizona
www.rodelfoundationaz.org





GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 5.

Subject: TQS
Recommendations

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

Dr. John Haeger, Chair of the Governor's Committee on Teacher Quality and Support (TQS), will present to the P-20 Council the Committee's first set of recommendations which will be presented to the Governor on December 5th. The Governor charged her committee with developing strategies to better train new teachers, enhance the skills of existing ones, help them implement statewide and national education initiatives and ensure they have the compensation and support they need to continue advancing as professionals and improving student achievement. These first set of recommendations relate to professional development and pay.

Council Action Requested: This information is provided to the P-20 Council as a framework for future discussions regarding teacher quality and support issues.

Attachments: None



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 6

Subject: Governor's Council on
Innovation &
Technology

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

Bob Hagen and Barbara Clark, members of the Governor's Council on Innovation & Technology (GCIT) will present GCIT's mission and recommendations to accelerate student learning for success in a dynamic technology-rich workforce and post-secondary education.

The global marketplace of the 21st century demands a highly skilled workforce to allow companies to rapidly produce goods and services marked by innovation, knowledge and quality. Arizona's economic future depends on the quality of its education and workforce, as well as a "just-in-time" delivery mechanism, which is dependant on improved access to advanced telecommunications infrastructure.

The GCIT recommends three components to achieve this goal: leadership; investment and policy.

Council Action Requested: This information is provided to inform the P-20 Council of GCIT's recommendations in the area of innovation and technology to be used by the Council in future deliberations for education reform and alignment.

Attachments: GCIT Education Subcommittee Recommendations

Governor's Council on Innovation and Technology
Education Subcommittee Recommendations
September 2005

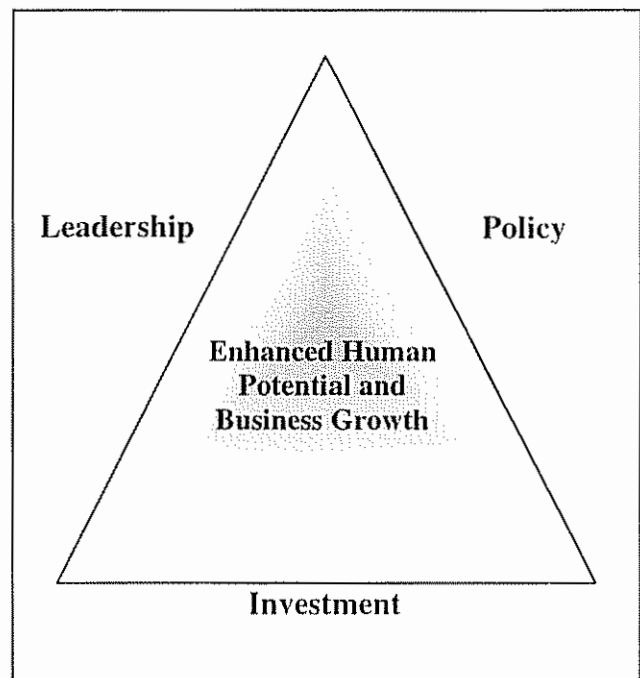
The global marketplace of the 21st century demands a highly skilled workforce to allow companies to rapidly produce goods and services marked by innovation, knowledge and quality. Arizona's economic future depends on the quality of its education and workforce, as well as a "just-in-time" delivery mechanism, which is dependant on improved access to advanced telecommunications infrastructure. Ultimately, this combination provides Arizonans a solid foundation to secure better quality jobs.

The following mission serves as a guide to facilitate human, business and economic opportunity, where improved education and telecommunications infrastructure equal enhanced human potential and business growth:

Unlock Arizona's competitive potential by strengthening the essential foundation for innovation and technology through coordination and advancement of state and regional capabilities

To achieve this mission, three primary components are required:

- 1) **Leadership:** Provide leadership and vision by developing a world-class education system and improved telecommunications infrastructure to enhance human potential and business growth.
- 2) **Investment:** Assist in the development of human capital by providing local community capacity building, through education and access to advanced telecommunications infrastructure.
- 3) **Policy:** Develop and support policies that ensure access to quality education and telecommunications infrastructure, ensuring a well-trained, productive and flexible workforce that meets the needs of business to compete in a rapidly changing, global environment.



The following strategies can be accomplished through a commitment and understanding of the important role education and access to telecommunications infrastructure play in the state's economic success:

	Education	Telecommunications
Leadership	<p>Quality educator preparation, including professional continuum and increased effective use of 21st century tools and strategies</p> <p>Emphasize the importance of Formative Assessments to improve student learning as an integral part of the complete learning environment</p>	<p>Establish a standing Telecommunications Infrastructure Advisory Group</p> <p>Establish a broadband authority</p> <p>Develop a statewide telecom strategic plan</p> <p>Convene a series of telecom roundtables statewide</p>
Investment	<p>Systematically deliver and upgrade technology solutions and provide professional support for educators</p>	<p>Expand the role of the Arizona Corporation Commission in broadband deployment, including additional funding to support telecom infrastructure</p> <p>Facilitate increased use of the federal E-rate subsidies</p> <p>Provide ongoing funding for Community Telecom Assessments</p>
Policy	<p>Promote the Value of Integrating Technology into Learning</p> <p>Focused preparation and renewal for educators</p> <p>Accelerate and reward increased technology skills</p> <p>Improve opportunity for educator effectiveness</p> <p>Develop and deliver a common suite of technology tools for classroom use</p>	<p>Adopt an Arizona definition of 1Mbps for Broadband</p> <p>Expedite access to local, state, federal and tribal rights-of-way</p> <p>Monitor legislative actions to ensure that explicit or de facto barriers to municipal participation are eliminated</p>

1) Educator Preparation

The Governor's Council on Innovation and Technology must play a key role in promoting the use of technology and aid in communication and collaboration between business/industry and education. By establishing the appropriate mechanisms to support educators and their need for preparation and renewal, the state will reaffirm the important role education plays in the state's economic success

Promote the Value of Integrating Technology into Learning:

- Broaden curricular possibilities at each grade level, creating **Standards Plus**.
- Re-think the structure of schooling including the length of school day, learning environment groupings, and teaching methodologies.
- Encourage University training programs that increase technology expertise.

Focused Preparation and Renewal for Educators:

- Accelerate and deliver a pre-professional and professional development curriculum that values the use of technology in the act of teaching.

Accelerate and Reward increased technology skills:

- Operate within the expectation that instructional leaders who have taken advanced educational technology training.
- Educators must be able to disaggregate data.

Systematically deliver and upgrade technology solutions and provide professional support for educators.

2) The Importance of Formative Assessments

Formative Assessment is defined as infrastructure that provides districts and schools with reliable, transparent, and timely data to drive targeted improvement, including educators that have the knowledge, skills and tools to continually monitor students' achievement and to intervene quickly when students are not progressing sufficiently. (National Association of State Boards of Education, 10/04 "Closing the Achievement Gap")

Broaden Educator Effectiveness in Student Learning

Formative data analysis, as part of a state-wide professional development training plan, is not considered a discrete or separated task but is integral to the whole learning environment. The ultimate objective of training is to improve educator effectiveness in the ability to use formative data/information to improve instruction and student learning.

- Develop relevant and accessible professional development opportunities for Learning environment Educators and Administrators; checklist includes:
 - customized, frequently updated, driven by research and data, aligned to standards, job-embedded, adopted by the LEA and stakeholders
- Educate Educators on how to query data for new information about student learning
- Improve Educator confidence by providing analytical tools that advance professional development skills and capabilities.



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 7.

Subject: Updates & Reports
from Committee Chairs
and Members

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

This item provides P-20 Committee Chairs and Council Members an opportunity to provide update information and reports to the Council.

Council Action Requested: As requested by P-20 Committee Chairs and Council Members.

Attachments: None



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 8.

Subject: Call to the Public

Submitted by: Debra Raeder
Executive Director

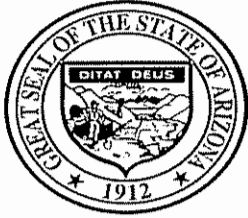
----- Background Information -----

This item provides Council members an opportunity to hear public comment on agenda items. Comments not specific to agenda items, according to open meeting laws, may not be addressed by the Council.

In order to ensure that all individuals desiring to speak during the public comment period be properly acknowledged and to allow sufficient time for the comments, we ask that a "Request to Speak" information sheet be completed and submitted to either the Council Chair or staff prior to the beginning of the meeting. **Comments are limited to three minutes.**

Council Action Requested: None

Attachments: None



GOVERNOR'S P-20 COUNCIL

December 6, 2005

Agenda Item No. 9.

Subject: Announcements
Adjournment

Submitted by: Debra Raeder
Executive Director

----- Background Information -----

Announcements:

- a. Next Meeting of the P-20 Council: January 13, 2006 @ 10:00 a.m.
- b. Other

Adjournment.

Council Action Requested: None

Attachments: None